

Fig. 1/7

FIG 2.17

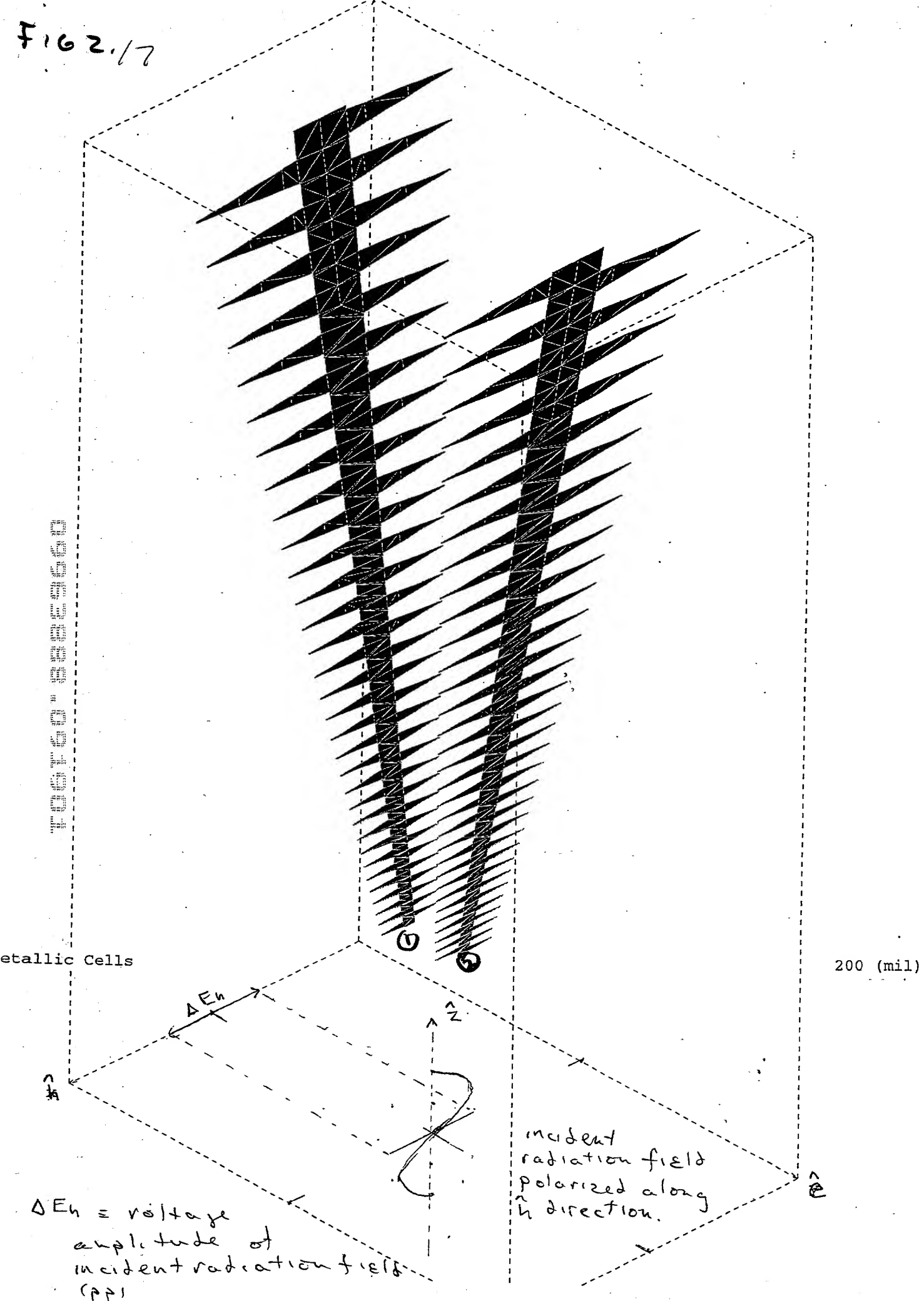
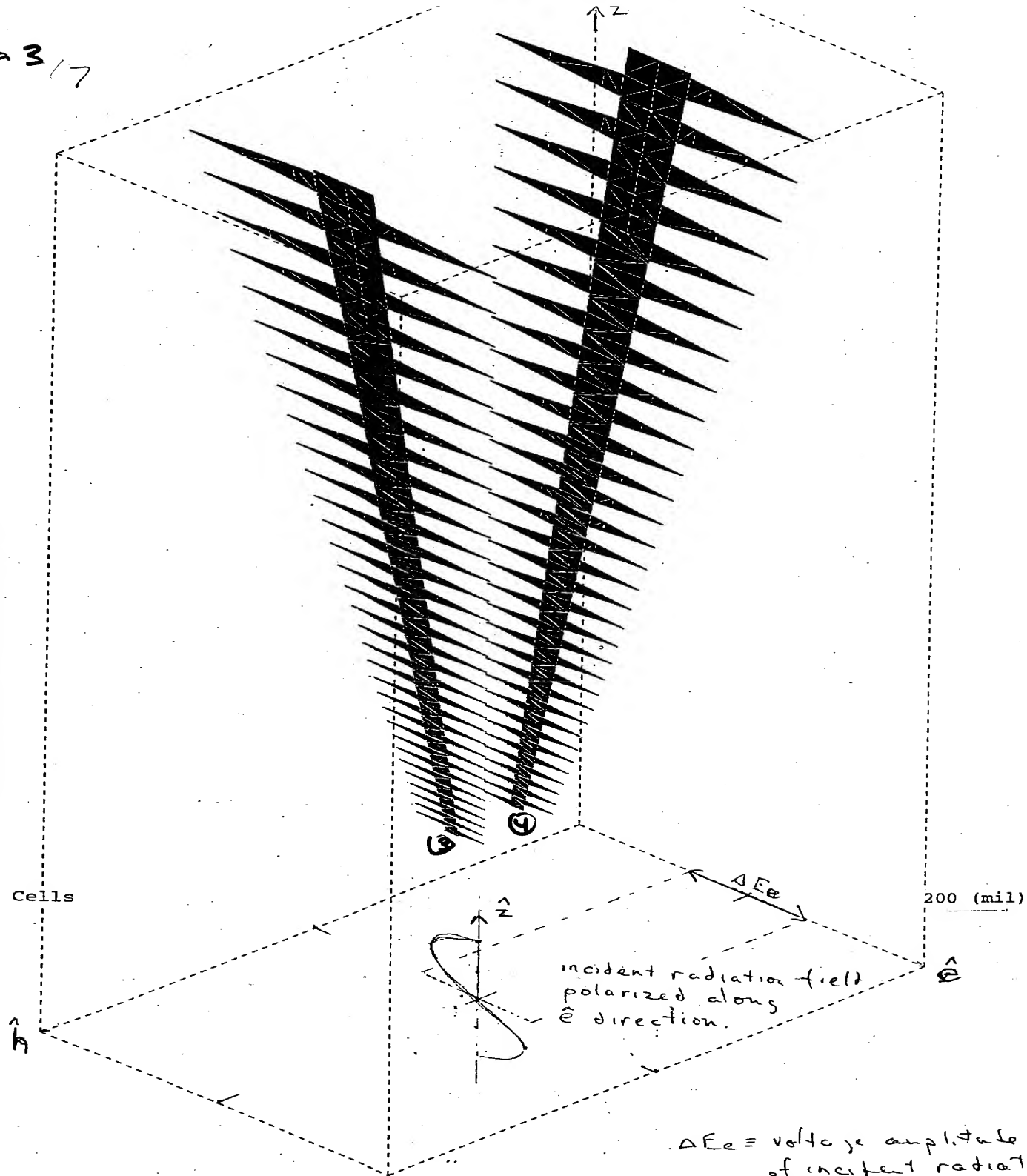


FIG 3/7

200 mil

Metallic Cells



$\Delta E_e \equiv$ voltage amplitude of incident radiation field. (pp).

F.6.4/7

Metallic Cells

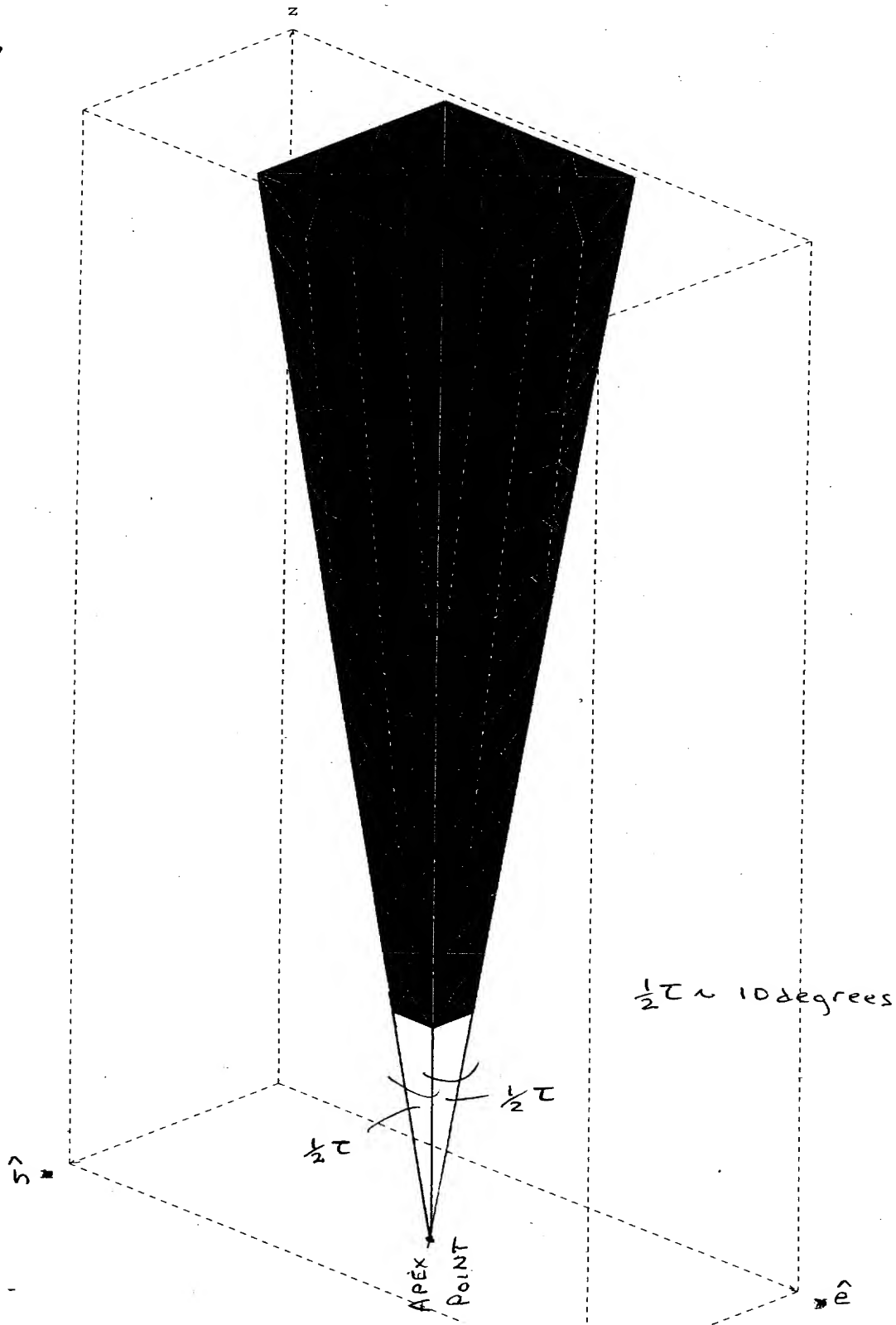


Fig 5/7

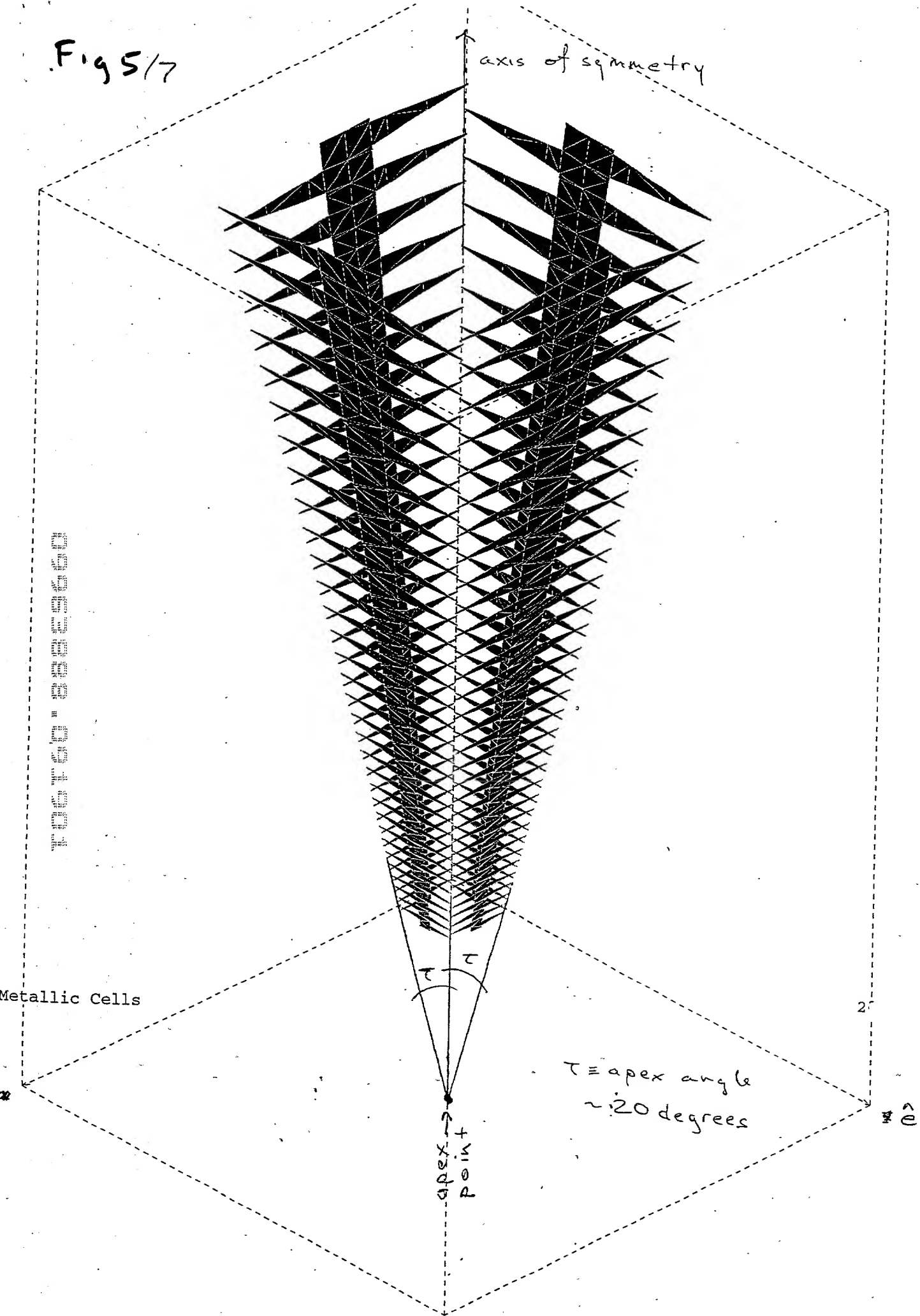


Fig 6/7

APR 1964

Metallic Cells

Apex
Point

Y

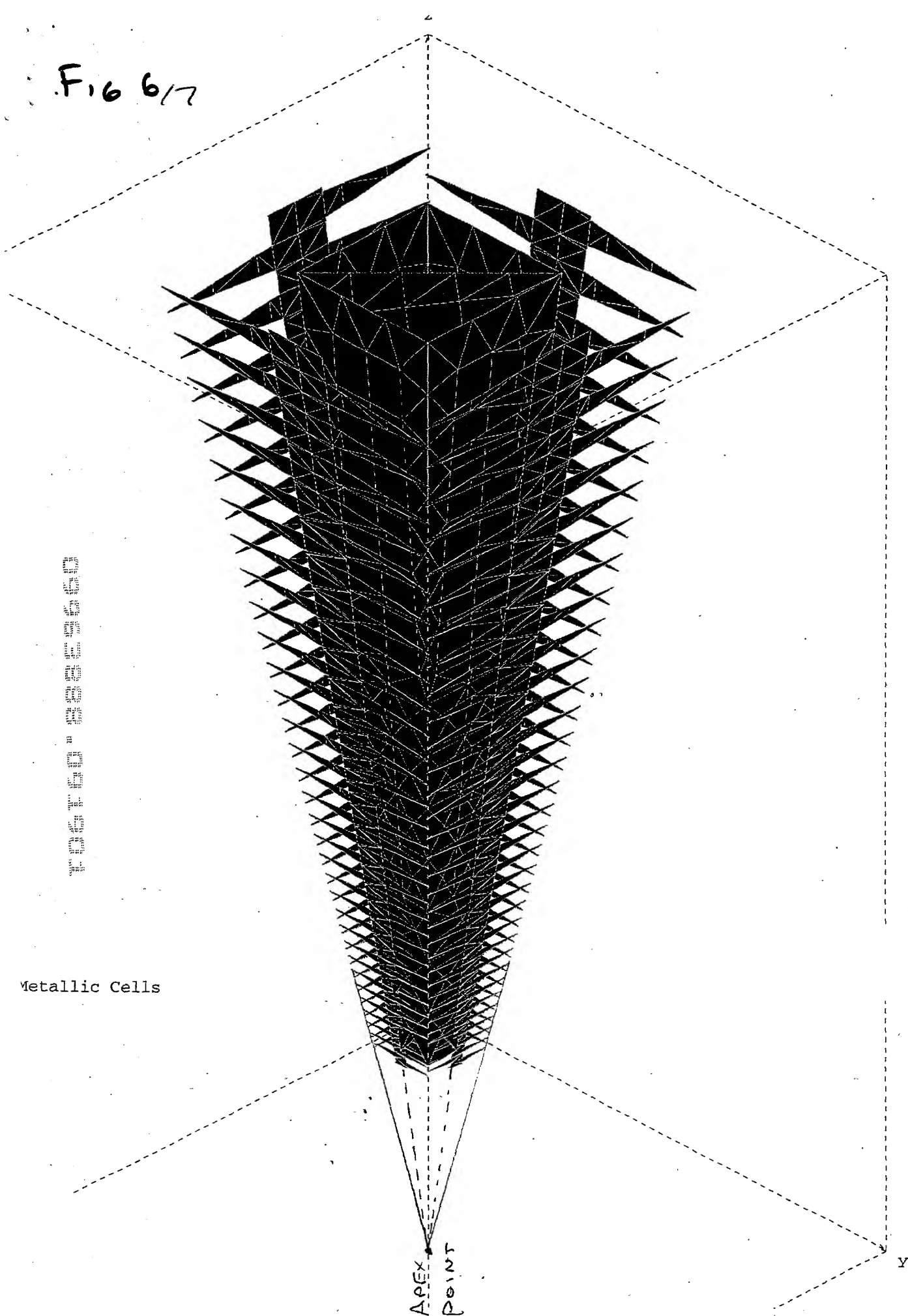
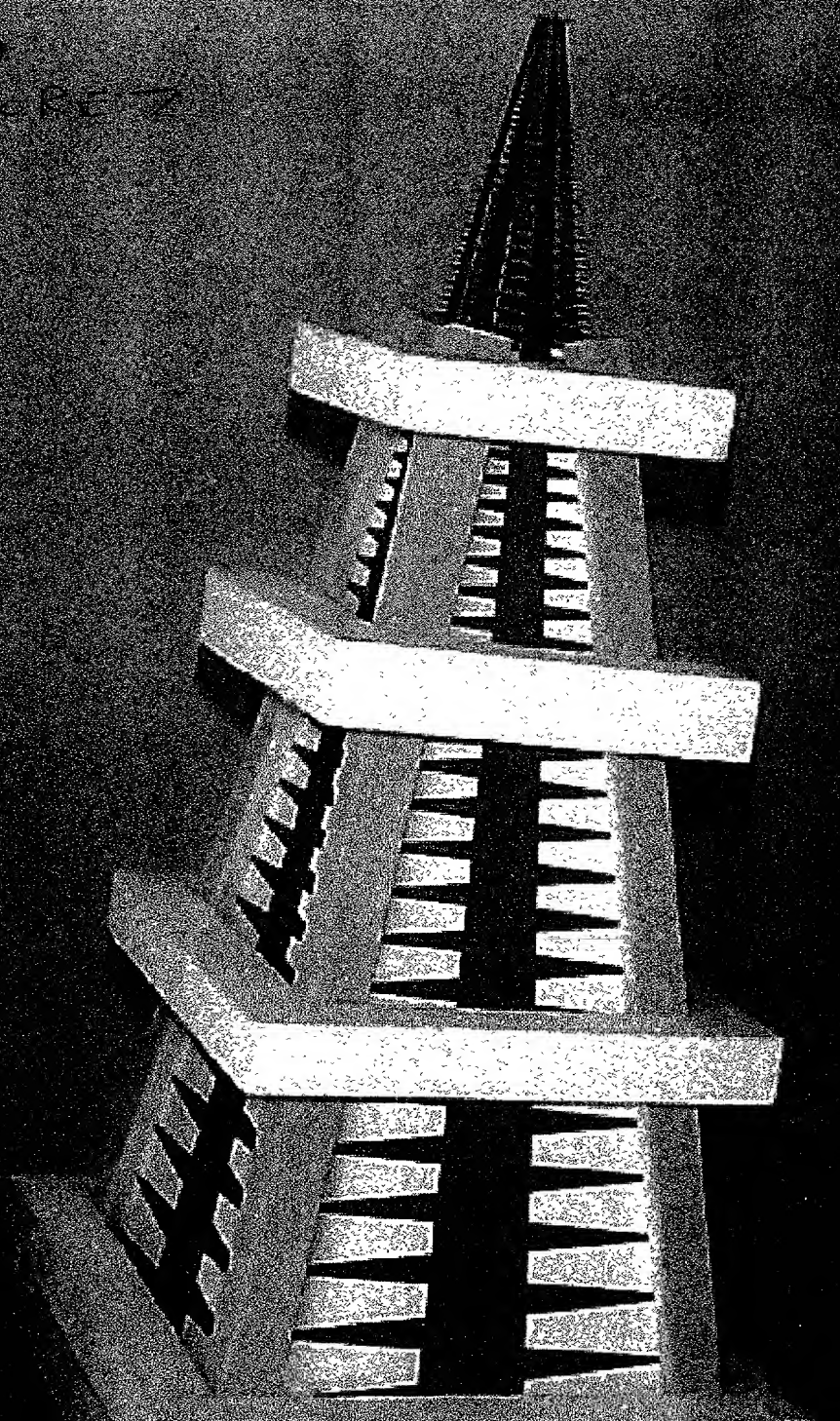


FIGURE 2



ATA Feed Prototype:

Log-periodic Microwave Antenna for Integration
with Cryogenic Amplifier

Principal Designer: G. E. Engstrom
UCB Radio Astronomy Lab

Frequency Band: 1 - 9 GHz

Gain: 12 dBi

Main Beam: 100° x 100° - 20°